

BIOMEDICAL METAL AND ITS USE METHOD

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Abstract

PURPOSE: To provide a biomedical metal capable of exhibiting excellent affinity for organism when this metal is used as a biomedical material.

CONSTITUTION: This biomedical metal having the excellent affinity for organism consists, by atomic %, 0.3 to 60% Ca and/or Ba, 10 to 60% O and the balance Ti. At least part among the respective elements of the Ca, Ba and Ti exist as the following compds.: Ca:CaO₂ and/or TiCaO₃, Ba:BaO₂, and/or TiBaO₃, Ti:TiO₂.

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